Docket No.

243648US2S/phh

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Keitaro IMAI, et al.

SERIAL NO:

10/678,061

GAU:

2811

FILED:

October 6, 2003

EXAMINER:

FOR:

SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed
references are attached, where required, as are either statements of relevancy or any readily available English
translations of pertinent portions of any non-English language references.

☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present
application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s)
is attached along with PTO 1449.

A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

Each item of information contained in this information disclosure statement was first cited in any communication
from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of
this statement

□ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Marvin J. Spivak

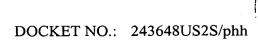
Registration No. 24,913

Joseph A. Scafetta, Jr. Registration No. 26, 803

Customer Number

22850

Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 05/03)



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STATEMENT OF RELEVANCY

Reference AO on Form PTO-1449:

This reference shows that a carbide barrier layer is formed between a contact plug and an electrode.

Reference AP and AQ on Form PTO-1449:

These references show that a semiconductor device has a SiC barrier layer between a contact plug and an electrode.

SHEET 1 OF 1

ATTY DOCKET NO. SERIAL NO. U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE THADE Form PTO 1449 (Modified) 243648US2S 10/678,061 **APPLICANT** LIST OF REFERENCES CITED BY APPLICANT Keitaro IMAI, et al. FILING DATE **GROUP** October 6, 2003 2811 **U.S. PATENT DOCUMENTS EXAMINER** DOCUMENT SUB FILING DATE CLASS DATE NAME INITIAL NUMBER **CLASS** IF APPROPRIATE AA AΒ AC ΑD ΑE AF AG AH ΑI ΑJ AK AL AM ΑN **FOREIGN PATENT DOCUMENTS TRANSLATION** DOCUMENT DATE COUNTRY NUMBER NO 09/22/1997 **JAPAN** Х AO 9-252095 09/28/2001 JAPAN Х ΑP 2001-267516 Х 10/04/2002 **JAPAN** AQ 2002-289810 AR AS ΑT ΑU ΑV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) AW AX AY ΑZ Additional References sheet(s) attached **Date Considered** Examiner *Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.